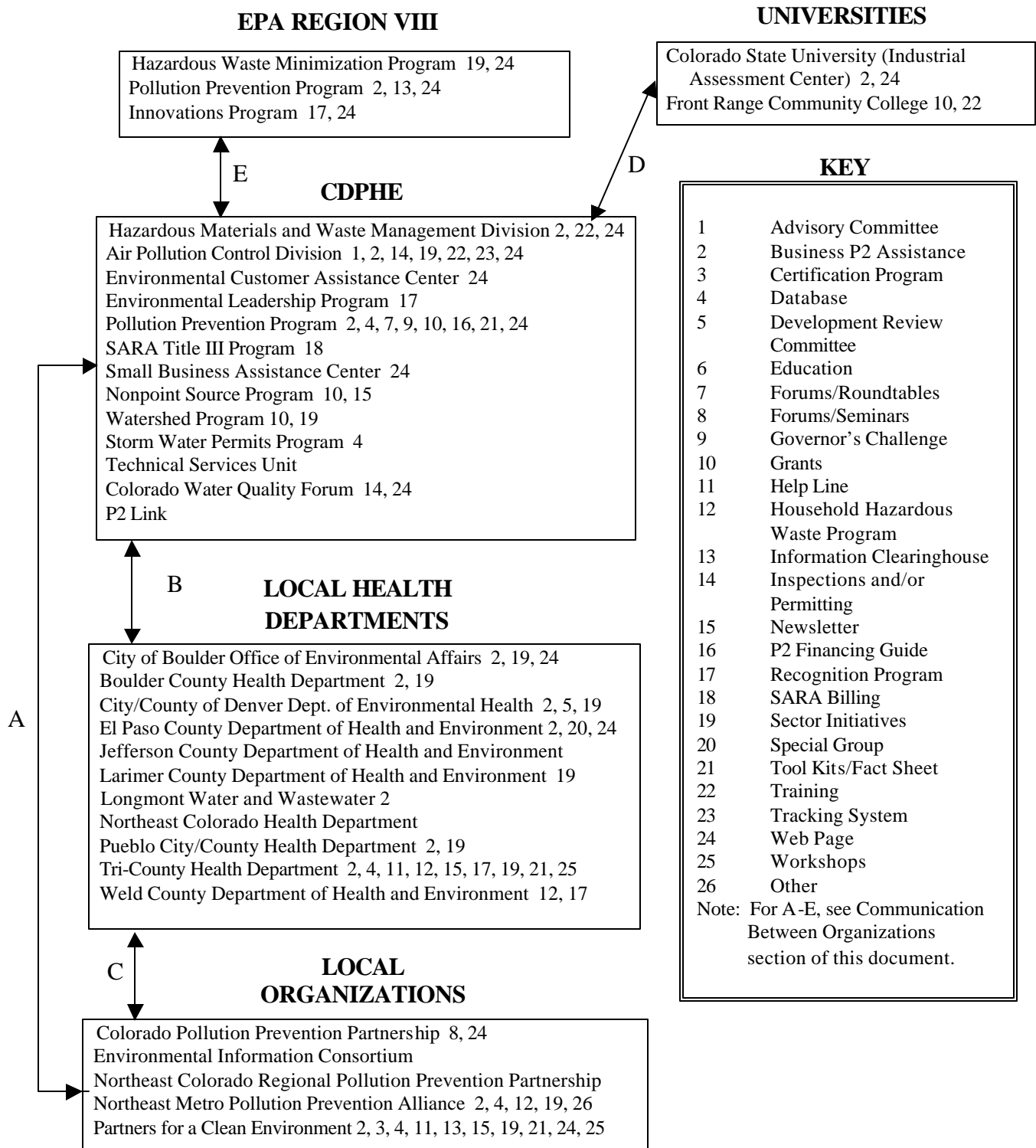


COLORADO WASTE MINIMIZATION AND POLLUTION PREVENTION NETWORK



COLORADO WASTE MINIMIZATION AND POLLUTION PREVENTION NETWORK

CONTACT LIST

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U.S. ENVIRONMENTAL PROTECTION AGENCY (EPA) REGION VIII

HAZARDOUS WASTE MINIMIZATION PROGRAM

Contact: Kendra Morrison (303) 312-6145 morrison.kendra@epa.gov

The Region VIII Hazardous Waste Minimization Program (HWMP) provides advice and assistance to authorized state governments on matters related to the development, execution, and monitoring of hazardous waste minimization policies, plans, and programs.

Sector Initiatives: The HWMP places special emphasis on and supports national, regional, and state efforts to reduce the most persistent, bioaccumulative, and toxic (PBT) chemicals. The program helps establish goals for reduction of PBT chemicals and develops resources and tools for state hazardous waste programs. The HWMP focuses on measuring the effectiveness and impact of state hazardous waste

minimization efforts on PBT chemical reductions. State activities and policies are identified and documented, and linked to reduction goals. The HWMP also disseminates technical and program information to the states, conducts chemical and waste generation data analyses, participates in EPA Headquarters activities and monthly program calls, facilitates outreach, and works to integrate waste minimization into other EPA programs and divisions.

Web Page: The Region recently developed a program web page at the following address http://www.epa.gov/region8/land_waste/rcra/wastemin/wastemin.html.

POLLUTION PREVENTION PROGRAM

Contact: John Larson (303) 312-6030 larson.john@epa.gov

The EPA Region VIII Pollution Prevention (P2) Program works in partnership with federal agencies and the private sector to make pollution prevention the environmental strategy of choice. The team's expertise is in the areas of solid waste reduction and recycling, environmental management systems, energy efficiency, environmentally preferable products, and P2 for the automotive and agricultural sectors.

Business P2 Assistance: The EPA Region VIII P2 Program helps businesses and federal facilities identify processes to minimize or eliminate hazardous waste. In addition, it refers businesses to products that are less harmful to workers and the environment.

Information Clearinghouse: The Peaks to Prairies Pollution Prevention Information Center (the Center) is funded by EPA Headquarters, managed by EPA Region VIII, and facilitated by Montana State University Extension Service at MSU- Bozeman. The Center serves local and state assistance personnel by providing access to P2 information and contacts, encouraging collaboration, and assisting with regional initiatives. The Center is creating a web-linked library service that will enable small businesses and assistance personnel to find high quality, up-to-date information on P2. The Center's web site is located at <http://www.peakstoprairies.org>. The Region VIII point of contact is Laura Estes at laurae@montana.edu.

Web Page: EPA sponsors a web page called *EnviroSense* at <http://es.epa.gov>. This web page provides access to industry specific P2 techniques. It also has a database of substitutes for solvents. The EPA maintains a web site that describes an array of Environmentally Preferable Products at <http://www.epa.gov/oppt/epp>.

INNOVATIONS PROGRAM

Contact: Mary Byrne (303) 312-6491 byrne.mary@epa.gov

The Region VIII Innovations Program works collaboratively with companies, industrial sectors, states, federal agencies, and environmental organizations to strategically address complex environmental issues. Innovative projects include: demonstrating superior environmental performance, taking extra steps to reduce and prevent pollution, minimizing waste, involving community members, and implementing an environmental management system.

Recognition Program: EPA launched the National Environmental Performance Track (NEPT) program in June 2000 and welcomed over 225 facilities as charter members in December 2000. NEPT is a two-tier program designed to recognize and reward top environmental leaders for their environmental performance. The first tier, the Achievement Track, recognizes environmental leaders with a recognition program, including the use of the program logo; the opportunity to meet with senior EPA

managers and other environmental leaders; and recommend regulatory and administrative flexibilities. The second tier, Stewardship Track, is being developed for implementation in the summer 2001. Applications for the program are being taken from February 1 through April 30, 2001, and August 1 through October 31, 2001.

Web Page: The NEPT web site for information and applications is www.epa.gov/performance-track/ or call 1-888-339-PTRK.

COLORADO DEPARTMENT OF PUBLIC HEALTH AND ENVIRONMENT (CDPHE)

HAZARDOUS MATERIALS AND WASTE MANAGEMENT DIVISION (HMWMD)

Contact: Fred Dowsett (303) 692-3342 fred.dowsett@state.co.us

HMWMD regulates solid waste management, treatment, and disposal facilities and hazardous waste generation, storage, transportation, treatment, and disposal. HMWMD assists in the cleanup of hazardous waste sites under the Superfund Program, and encourages "Brownfields" redevelopment through implementation of the Voluntary Cleanup and Redevelopment Act. HMWMD also provides technical assistance to the regulated community and to local agencies that must handle waste management issues and releases.

Business P2 Assistance: If during a hazardous waste inspection, an inspector decides a P2 assessment would be beneficial and the business indicates interest, HMWMD contacts the P2 Program. The P2 Program then contacts the business to ask if the business is interested in P2 assistance (on-site assessment, research, or other technical support).

Training: HMWMD conducts hazardous waste training that covers compliance and P2. Training is typically offered on request from outside CDPHE. The training has been provided to businesses and organizations that include:

- Automotive repair shops
- Bureau of Land Management
- Dry cleaners
- Hospitals
- Metal finishers
- U.S. Forest Service

The trainers typically include a P2 engineer from the CDPHE P2 Program, a P2 representative from a local health department, and staff from HMWMD.

Web Page: HMWMD sponsors a web page at www.cdphe.state.co.us/hm/hmhom.asp.

The web site contains information regarding Colorado Revised Statutes, HMWMD news releases, HMWMD publications, general information about HMWMD, links to related sites, a comments section, EPA forms, test methods, databases, and a searching function.

AIR POLLUTION CONTROL DIVISION (APCD)

Contact: Jean Terry (303) 692-3255 jean.terry@state.co.us

APCD supports P2 as the environmental tool of first choice. Permit writers and inspectors receive periodic training on P2 technology. APCD has a lead-based paint

program and is working with the water quality division on mercury TMDLs, but has no other PBT initiatives.

Advisory Committee: APCD staffs the Innovations and Economic Incentives Advisory Committee. This advisory committee meets under the auspices of the Air Quality Control Commission and has representatives from APCD, the CDPHE P2 Program, the Colorado Environmental Leadership Program, local agencies, and the regulated community. The advisory committee is working on integrating P2 into the regulatory structure.

Business P2 Assistance: If during the course of an inspection, the inspector decides a P2 assessment would be beneficial, and the business indicates interest, APCD contacts the P2 Program. Someone from the P2 Program then contacts the business to ask if they are interested in P2 assistance (on-site assessment, research, or other technical support). APCD also provides ongoing assistance to small businesses, including guidance on P2. APCD also provides businesses the opportunity to offset civil penalties with supplemental environmental projects (SEPs) that include a P2 component. P2 information is provided in permit application packets. A simplified version of P2 Finance is also available from APCD.

Sector Initiatives: APCD is involved in a P2 project with surface coaters in anticipation of the upcoming maximum achievable control technology standards. Previously, APCD completed a similar project for businesses performing solvent degreasing.

Tracking System: Recently, APCD began tracking P2 efforts in the surface coating industry. Eventually, APCD hoped to track all P2 efforts statewide and begin to quantify emissions reductions from P2.

Web Page: APCD sponsors a web page with P2 tips for permit writers and inspectors. The web site is also available to the public at www.cdphe.state.co.us/ap/. From there, navigate to P2 tips. This site contains P2 tips for the following sectors:

- auto body
- dry cleaning
- electroplating and metal finishing
- hospital sterilization
- printing
- solvent cleaning alternatives
- wood products coating
- surface coating

LEAD BASED PAINT PROGRAM (LBP)

Contact: Rick Fatur (303) 692-3261 rick.fatur@state.co.us

The LBP program promotes P2 by recommending “lead safe” work methods be used for LBP removal projects in order to minimize pollution and waste.

Permitting/Inspection: Permitting and inspections are two methods used to achieve “lead safe” work methods and to minimize pollution resulting from LBP.

Training: The LBP Program provides outreach and training to painting contractors, abatement contractors, and housing authorities. The Program also provides education materials to schools, daycares, and public facilities that provide information on “lead safe” work methods.

MERCURY - TOTAL MAXIMUM DAILY LOAD

Contact: Mark McMillan (303) 692-3140 mark.mcmillan@state.co.us

The Air Pollution Control Division provides technical support and guidance to the Department regarding the air deposition of mercury (Hg) to Colorado water bodies. Specifically, the Water and Air Divisions are developing a multi-media approach (Total Maximum Daily Load, TMDL) to address unacceptable levels of Hg in various water bodies throughout Colorado. The Water Quality Control Division is naturally interested in the process because they are charged with assessing and improving affected water bodies and are legally required to do so through the TMDL process. The Air Pollution Control Division is interested in the process because initial review of Hg deposition in affected water bodies implicates air pollution sources, including coal-fired power plants, certain incineration processes, natural Hg sources, etc. The Air Division has the capacity to assist in the areas of air quality monitoring, modeling, identification of emission sources, inventory development and maintenance, use of Geographic Information Systems, and in providing an extensive history in developing large scale control plans (State Implementation Plans, SIPs).

Webpage: The Water Quality Control Division hosts a website of TMDL information and updates at http://www.cdphe.state.co.us/wq/tmdl_status.htm. Useful information at the site includes: background of the TMDL process, identification of water quality limited waters, TMDL status, etc.

ENVIRONMENTAL CUSTOMER ASSISTANCE CENTER

Contact: Scott Klarich (303) 692-2033 scott.klarich@state.co.us

CDPHE developed the Environmental Customer Assistance Center to help the regulated community comply with Federal and State environmental statutes and regulations. The primary function of the Environmental Customer Assistance Center is to assist the public in understanding and navigating through the many environmental programs CDPHE implements.

The Environmental Customer Assistance Center conducts the following activities.

1. Coordinates and assists the regulated community through environmental regulatory requirements.
2. Coordinates and/or provides environmental permit assistance to the regulated community.
3. Develops and coordinates multi-media environmental compliance/P2 seminars for the regulated community.
4. Assists the public with environmental issues, which affect them and/or their communities.
5. Develops and distributes various types of informational and guidance material related to environmental regulation and permitting.

Additionally, the Environmental Customer Assistance Center produces the guidebook "Permitting Made Easy" which is a compilation of all the CDPHE environmental

permits, licenses, notifications and certifications. This document can be viewed online at: <http://www.cdphe.state.co.us/ic/pmehom.html>.

As of December 2000, the Environmental Customer Assistance Center has no PBT related initiatives.

Web Page: The Environmental Customer Assistance Center sponsors a web page at <http://www.cdphe.state.co.us/ic/ecashom.html> to assist businesses in meeting regulatory requirements.

ENVIRONMENTAL LEADERSHIP PROGRAM

Contact: Mark Keegan (303) 692-3477 mark.keegan@state.co.us

The Environmental Leadership Program was established in state law to recognize and reward companies that implement programs and policies to protect the environment that go beyond regulatory requirements. The leadership program is a voluntary effort that provides the regulated communities as well as the municipalities the opportunity to:

- Improve and enhance the environmental quality of the State of Colorado
- Encourage P2 through incentives for going beyond minimum regulatory requirements
- Develop collaborative relationships with Colorado entities

Recognition Program: Applicants to the program must have in place an environmental management system, an environmental compliance audit program, and a pollution prevention plan. They must also be capable of verifying, quantifying, and qualifying all mandatory and elective leadership commitments. Further, applicants must also select a number of voluntary program electives that demonstrates their commitment to environmental excellence. During the review process, applicants are afforded the opportunity for in-depth environmental management assistance.

In recognition of selection to the Environmental Leadership Program, companies receive financial and non-financial incentives. Further, the state program is currently exploring a cooperative alliance with the EPA Performance Track program.

POLLUTION PREVENTION PROGRAM

Contact: Kirk Mills (303) 692-2977 kirk.mills@state.co.us

The P2 Program provides direct technical assistance to Colorado businesses, other organizations, directs CDPHE efforts in P2 regulatory integration, and facilitates coordination of P2 efforts in Colorado.

Business P2 Assistance: The P2 Program, along with the P2 Partnership, provides P2 assistance (on-site assessments, research, or other technical support) to businesses and other Colorado organizations and citizens on request. See HMWMD and APCD sections.

Database: The P2 Program maintains a database of about 1,100 businesses and individuals in Colorado. This database was created in 1994 when the P2 Program developed a list of businesses to send requests for proposals for the grants program (see above). Since that time, businesses and individuals have been added when they contact the P2 Program in any manner, such as through grant applications and calling for information.

Forums/Roundtable: The P2 program organizes a P2 forum twice per year and other P2 workshops. The forum and workshops are attended by state employees, (EPA) employees, businesses, public interest groups, and consultants.

Governor's Challenge: The Governor's Challenge is a voluntary program established to create an incentive for larger TRI reporters (see SARA Title III Program) and hazardous waste generators to improve their P2 efforts. Companies are invited to participate in the program by the Governor and are challenged to set measurable P2 goals, and report progress to the P2 Program and the Governor. P2 accomplishments are recognized every two years.

Grants: Once per year, the P2 Program offers grant money to businesses and organizations for P2-related projects. There is a pool of about \$100,000 each year, and each grant is usually between \$10,000 and \$15,000.

P2 Financing Guide: The P2 Program developed a financing guide to provide companies in Colorado with financial analysis tools that could be used for approaching management decision-makers and lenders regarding P2 projects. The financing guide is available on the web at [http://www.coloradop2.org/cdphefin/\(1\)cover.htm](http://www.coloradop2.org/cdphefin/(1)cover.htm)

Tool Kits/Fact Sheets: During a P2 assessment or on request, the P2 Program provides relevant P2 literature to businesses and other Colorado organizations. The P2 Program developed P2 tool kits for the following sectors:

- auto repair/auto body
- dry cleaning
- metal finishing
- printing
- wood products manufacturing.

The tool kits include general P2 information, a good operating practices checklist, fact sheets related to the sector, a list of environmentally preferable products for the sector, a small business guide to hazardous waste generator requirements, a fact sheet on material safety data sheets, P2 technical assistance resources, and a tool kit evaluation form.

Web Page: The P2 Program is a cosponsor of a web page with the P2 Partnership at www.coloradop2.org/. The web site contains links to information on the following: Pollution Prevention Partnership, CDPHE P2 Program, Colorado P2 Forum, P2 related news, frequently asked questions, opportunities to become involved in P2 at home and work, a guest book, and the opportunity to subscribe to a P2 e-mail forum.

SARA TITLE III PROGRAM

Contact: Kirk Mills (303) 692-2977 kirk.mills@state.co.us

The SARA Title III Program focuses primarily on compliance assistance for the regulated community. Chemical storage information is supplied to local emergency planning committees (LEPCs). All SARA Title III information is available to the public upon request.

SARA Billing: The Superfund Amendments and Reauthorization Act (SARA) Title III (emergency preparedness and community right to know) Program sends bills once per year to about 4,500 businesses that are Toxics Release Inventory (TRI) and Tier II reporters. Tier II reporters are businesses that exceed certain storage thresholds during the year. Of those 4,500 businesses, about 200 of them are TRI reporters.

Each year, the program includes information relevant to the businesses along with the bill. The content and amount of information provided varies from year to year.

SMALL BUSINESS OMBUDSMAN FOR AIR QUALITY

Contact: Cathy Heald (303) 692-2034 cathy.heald@state.co.us

The Small Business Ombudsman for air quality is a troubleshooter and a liaison between the department's Air Pollution Control Division and small business owners and operators in Colorado. The small business air ombudsman offers the following assistance to small businesses:

1. Assistance with understanding air quality regulations and compliance issues
2. Mediation in resolving complaints or disputes
3. Help in identifying financial sources for pollution control investments
4. Representing small business concerns during new air quality rule development

As of December 2000, the Small Business Ombudsman has no PBT-related initiatives.

Web Page: The Small Business Ombudsman sponsors a web page at <http://www.cdphe.state.co.us/ic/sbomain1.html>. The web site discusses the role of the ombudsman and provides information on air regulations, an events calendar, small business assistance, compliance alerts, guidance documents, and related links.

WATER QUALITY CONTROL DIVISION (WQCD)

The WQCD regulates the discharge of pollutants into Colorado's surface and ground waters and enforces the Primary Drinking Water Regulations. Protection and maintenance of water quality is achieved by: (1) issuing permits specifying the types and amounts of pollutants that may be discharged without violating the state's water quality standards; (2) providing grants and loans for wastewater treatment facility construction; (3) certifying operators of water and wastewater facilities; and (4) maintaining field surveillance monitoring efforts.

Nonpoint Source Program

Contact: Laurie Fisher (303) 692-3570 laurie.fisher@state.co.us

The goal of Colorado Nonpoint Source Program is to restore to full use those waters of the state impaired by nonpoint sources, and to prevent future impairments. The program encourages broad partnerships at the local level, to improve and protect the water resources of the state. Prevention is an important aspect of the program, especially for those waters where data indicates no true impairment, but where impairment is likely in the future, based on current activities in the watershed.

Grants: The nonpoint source program administers an annual grant fund for projects that move toward the accomplishment of the program goal. Past grants for individual projects ranged from \$25,000 to \$300,000, for the purposes of impairment prevention, watershed restoration, technology demonstrations, and information/education efforts. Individuals, corporations, units of government, and nonprofit organizations have sponsored projects.

Newsletter: The Nonpoint Source Program has contracted with the League of Women Voters Colorado Water Protection Program to publish a quarterly nonpoint source (NPS) newsletter. The newsletter will address issues related to

the major NPS categories in Colorado: agriculture, forestry, hydrologic modification, mining, urban and construction runoff. Circulation will include universities, water providers, utility companies, elected officials, P2 specialists, as well as individuals and organizations in the major categories.

Watershed Program

Contact: Carl Norbeck (303) 692-3513 carl.norbeck@state.co.us

Grants: The watershed division runs loan and grant programs for drinking water and wastewater facilities. More information about the loans and grants can be found at the following web site: www.cdphe.state.co.us/cdphe/eqreg.asp#eqreg. This section of the web site contains information from the water quality control commission regarding the following: procedural and planning rules, surface water quality classifications and standards, ground water quality classifications and standards, financial assistance rules, point source discharge permit and control regulations, watershed protections control regulations, and other water quality control regulations. Look for the following at this web site:

- Wastewater (WW) loans - Regulation 52
- WW grants - Regulation 54
- Drinking water (DW) loans - refer to Drinking Water Revolving Fund
- DW grants - refer to Drinking Water Grant Program

Sector Initiatives: The watershed division has sector initiatives with the agriculture, public lands, urban construction, and mining sectors. The watershed division employs industry specialists who are involved in outreach to these mentioned sectors.

Storm Water Permits Program

Contact: Nathan Moore (303) 692-3555 nathan.moore@state.co.us

The storm water permits program regulates point source discharges of stormwater to Colorado Waters. Stormwater point source discharges are discharges of stormwater from activities listed in the Colorado Discharge Regulations (Reg 61.3(2)) and include discharges from industrial activities, construction sites, and municipalities.

Database: The storm water permit division maintains a database of storm water permit holders that includes standard industrial classification codes.

Colorado Water Quality Forum

Contact: Dave Akers (303) 692-3591 dave.akers@state.co.us

The Colorado Water Quality Forum is a multi-interdisciplinary group comprised of local, state, and federal regulatory agencies, industries and municipalities, and other local, state, and federal entities interested in water quality. The charge of the forum is to identify and discuss in a cooperative forum issues that arise in water quality management. P2 or waste minimization may be a topic during discussions of state-wide policy issues.

Inspections and Permitting: The Colorado Water Quality Forum conducts inspections and issues permits.

Web Page: The Colorado Water Quality Forum sponsors a web site at www.cwqf.org/.

Technical Services Unit

Contact: Ron Falco (303) 692-3569 ron.falco@state.co.us

The Technical Services Unit works directly with facilities. The unit conducts water and wastewater inspections, site application review and approval for wastewater, and plan and specifications review and approval for drinking water and wastewater.

P2 LINK

Contact: Kirk Mills (303) 692-2977 kirk.mills@state.co.us

CDPHE developed the P2 Link as a mechanism to implement regulatory integration at the state level. Individuals (P2 champions) from various media at CDPHE (about 30 people) meet monthly in an effort to support prevention-based projects throughout CDPHE.

LOCAL HEALTH DEPARTMENTS**CITY OF BOULDER OFFICE OF ENVIRONMENTAL AFFAIRS**

Contact: Sarah Van Pelt (303) 441-1914 VanPeltS@ci.boulder.co.us

The City of Boulder Office of Environmental Affairs provides leadership to achieve Boulder's goals of sustainability and environmental quality. Its mission is to prevent pollution, reduce resource consumption, and promote environmentally sustainable practices. It develops city policy, offers educational programs, and partners with citizens, businesses, and other organizations to protect Boulder's environment.

Business P2 Assistance: The City of Boulder provides P2 assistance through PACE. See the description of the PACE program in the Local Organizations section of this document.

Sector Initiatives: The City of Boulder is involved in sector initiatives through Partners for a Clean Environment (PACE). See the description of the PACE program in the Local Organizations section of this document.

Web Page: The City of Boulder co-sponsors a web page with PACE at http://www.ci.boulder.co.us/environmentalaffairs/business_menu.html.

The web site includes:

- Information regarding PACE programs for various industries
- List of businesses involved in the PACE program
- PACE certification criteria
- General description of P2 and related health, environmental, and economic benefits
- Energy efficiency resource sheet
- PACE program successes and goals
- Resources for recycling
- Alternative auto refrigerants
- Purchasing alternatives for restaurants

BOULDER COUNTY HEALTH DEPARTMENT

Contact: Anne Kaufmann (303) 441-1146 AMKHE@co.boulder.co.us

Boulder County Environmental Health promotes P2 and provides technical assistance and education to businesses, residents, and internal county departments through a variety of programs. Boulder County Solid Waste Division provides household hazardous waste collection at its drop-off facility.

Business P2 Assistance: Boulder County provides P2 assistance through PACE. See the description of the PACE program in the Local Organizations section of this document. Environmental Health air inspectors also conduct P2 opportunity assessments during inspections and refer businesses to PACE.

Sector Initiatives: Boulder County is involved in sector initiatives through PACE. See the description of the PACE program in the Local Organizations section of this document. County Environmental Health and Solid Waste divisions also coordinate the internal "3RP2" program (Reduce, Reuse, Recycle, and Prevent Pollution) to promote waste reduction in county operations and departments. Environmental Health also works with municipalities county-wide to promote P2 in local government operations.

CITY/COUNTY OF DENVER DEPARTMENT OF ENVIRONMENTAL HEALTH

Contact: Steve Foute (303) 285-4055 sfoute@ci.denver.co.us

The Denver Department of Environmental Health (DDEH) has been working toward an integrated approach to environmental compliance for air, water and solid/hazardous waste that incorporates P2 as an integral and in many cases seamless component.

Business P2 Assistance: During inspections, the City and County of Denver inspectors identify businesses that have P2 opportunities. If the business is in compliance, there are P2 opportunities, and the facility is interested, staff from the Boulder County Health Department complete a P2 assessment of the facility. In addition, during zoning environmental reviews, the reviewer asks the business if P2 has been implemented. If P2 opportunities exist and the business is interested, a representative from the City of Boulder visits the business for a P2 assessment.

Development Review Committee: The City and County of Denver created the development review committee for the construction industry. Before ground breaking, a representative of the City and County of Denver speaks with the safety contact for the construction company about environmental regulations and consideration. During this discussion, the representative discusses fugitive particulates and runoff considerations.

Sector Initiatives: The City and County of Denver provides P2 information and assistance, which for two years has been in cooperation with the Boulder County Health Department P2 staff, to businesses that are identified through the three processes noted: air (stationary source, chlorofluorocarbon, and screening RCRA inspections), zoning reviews and development reviews.

EL PASO COUNTY DEPARTMENT OF HEALTH AND ENVIRONMENT

Contact: John James (719) 578-3139 johnjames@elpasoco.com

As of July 2000, El Paso County assists businesses that request P2 information and has no PBT-related initiatives.

Business P2 Assistance: When a business requests P2 assistance, El Paso County conducts research and provides information gathered to the company.

Special Group: A group called the 2000 Group meets monthly. The 2000 Group consists of city and other government representatives and electronic manufacturers who have expressed interest in P2 projects. The chairperson sends out information to the group and the information is discussed at the meetings.

Web Page: El Paso County is developing a web page, which it plans to launch in February, 2001. Details about the contents of the web page are not available.

JEFFERSON COUNTY DEPARTMENT OF HEALTH AND ENVIRONMENT

Contact: Craig Sanders (303) 239-7060 csanders@co.jefferson.co.us

As of December 2000, Jefferson County is reorganizing its P2 program and has no P2 projects or PBT-related initiatives.

LARIMER COUNTY DEPARTMENT OF HEALTH AND ENVIRONMENT

Contact: Judy Heiderscheidt (970) 498-6792

The Larimer County Department of Health and Environment P2 Program is a voluntary, non-regulatory program that offers free and confidential P2 education and technical assistance to Larimer County residents and businesses.

Sector Initiatives: Larimer County has focused on several sectors in the past including:

- auto repair
- consumers
- restaurants
- wood products manufacturing

Sector initiatives included one-on-one assistance, P2 opportunity lists, recognition programs, newsletters, workshops, and fact sheets.

LONGMONT WATER AND WASTEWATER

Contact: Tim Tucker (303) 774-4673 tim.tucker@ci.longmont.co.us

The Longmont Water and Wastewater P2 Program is a voluntary, non-regulatory program that offers free and confidential P2 education and technical assistance to Longmont businesses.

Business P2 Assistance: Longmont Water and Wastewater focuses on one-on-one work with businesses. It works with businesses to help them achieve PACE certification (see the description of the PACE Certification Program in the Local Organizations section), as well as providing the businesses with P2 materials, such as fact sheets. In addition, it developed an outreach program for dentists that provided general P2 handouts and handouts specific to mercury.

NORTHEAST COLORADO HEALTH DEPARTMENT

Contact: Roger Hosea (970) 522-3741 x122 rogerh@nchd.org

As of December 2000, the Northeast Colorado Health Department has no PBT-related initiatives.

PUEBLO CITY/COUNTY HEALTH DEPARTMENT

Contact: Dan Otoupalik (719) 583-4341

The Pueblo City/County Health Department P2 Program is a voluntary, non-regulatory program that offers free and confidential P2 education and technical assistance to Pueblo County businesses.

Business P2 Assistance: Pueblo County provides business assistance through on-site visits to discuss P2 alternatives with the business and distribute handouts.

Sector Initiatives: Pueblo County focuses mainly on one-on-one programs with the following sectors:

- auto body
- auto repair
- dentists
- dry cleaners
- hotels and motels
- printers

TRI-COUNTY HEALTH DEPARTMENT (TCHD)

Contact: Matt Ziska (303) 227-4038 ziska@tchd.org

TCHD's P2 Program is a voluntary, non-regulatory program offering free technical assistance, compliance assistance, and P2 information to businesses, industry, government, and citizens through P2 activities for Adams, Arapahoe, and Douglas counties.

Business P2 Assistance: TCHD provides businesses assistance through on-site visits to discuss P2 alternatives with businesses and distribute handouts.

Database: TCHD maintains a database of permit holders in the Tri-County area.

Fact Sheets: TCHD has about six fact sheets on P2 and household hazardous waste special assistance information.

Help Line: A telephone help line is available at (303) 227-4039. Environmental health staff answer questions every week day.

Household Hazardous Waste Program: TCHD has a program to inform the public about and collect household hazardous waste. TCHD holds contracts with Adams and Douglas counties for the year 2001 to provide household hazardous waste collection services through one-day collection events. Household hazardous waste collection information is available during the time of collection events through a telephone help line provided in both Spanish and English.

Newsletter: TCHD issued two newsletters for restaurants and industry. Production of the newsletter may continue and may include general or specific P2 information.

Recognition Program: TCHD has a recognition program for businesses that have achieved P2 goals.

Sector Initiatives: TCHD focuses mainly on one-on-one programs with the following sectors:

- auto body
- auto repair
- transportation industry
- restaurants

Workshops: Occasionally, TCHD organizes workshops for businesses and municipalities.

**WELD COUNTY DEPARTMENT OF PUBLIC HEALTH AND ENVIRONMENT
(WCDPHE) Contact: Gabrielle Vergara (970) 304-6415, ext. 2226 gvergara@co.weld.co.us**

WCDPHE's P2 Program is a voluntary, non-regulatory program offering free technical assistance, compliance assistance, and P2 information to businesses, industry, government, and citizens through P2 activities. WCDPHE's P2 Program is strongly educational based.

Household Hazardous Waste Program: WCDPHE maintains a program to inform the public about the dangers of improperly disposing of household hazardous waste. It offers two collection sites for residents to dispose of household hazardous wastes at no charge. Site information is available through a 24hr. hotline ((970)304-6415, ext. 2233 within Greeley or (970)847-4334, ext. 2233 from south Weld County). WCDPHE also provides staff support and technical assistance to towns and cities holding one-day clean-up events.

Recognition Program: WCDPHE has a recognition program (Waste Saver Awards) for businesses, groups, youth, individuals, and government agencies that have demonstrated successful endeavors toward waste reduction and P2.

UNIVERSITIES

**COLORADO STATE UNIVERSITY INDUSTRIAL ASSESSMENT CENTER
Contact: Mike Kostrzewa (970) 491-7709 koz@lamar.colostate.edu**

The Colorado State University Industrial Assessment Center (CSU IAC) provides combined energy efficiency, pollution prevention, and productivity improvement assessments at no charge to small and mid-sized manufacturers. The CSU IAC is part of and funded by the U. S. Department of Energy's Office of Industrial Technologies.

Business P2 Assistance: The CSU IAC analyzes the operating characteristics, energy requirements, energy costs, waste streams, and productivity aspects of small and mid-sized manufacturing companies and identifies and recommends specific opportunities in the areas of energy efficiency, pollution prevention, and productivity improvement. Assessments are free, non-regulatory, and confidential.

Web Page: The CSU IAC web site is located at:

<http://www.engr.colostate.edu/depts/me/program/outreach/iac/>. The Office of Industrial Productivity and Energy Assessment (OIPEA) maintains the IAC Database for the Department of Energy at Rutgers University. Their web site contains specific information, including user manuals for the database, and is located at <http://oipea-www.rutgers.edu/>.

FRONT RANGE COMMUNITY COLLEGE

Contact: Susan Hartman (303) 404-5553 susan.hartman@wc.frcc.cccoes.edu

The Colorado Environmental Business Assistance Center (CEBAC) along with the Environmental Science and Technology program was developed to provide small businesses of Colorado with the pollution prevention tools, local resources, and upcoming environmental events that may assist them in improving their environmental performance.

Grants: Front Range Community College is involved in a grant with Energy Efficiency and Pollution Prevention targeting dry cleaners.

Training: Front Range Community College offers P2 and hazardous materials training. They have classes at the Westminster campus or can provide customized training at a facility.

LOCAL ORGANIZATIONS

COLORADO POLLUTION PREVENTION PARTNERSHIP

Contact: Paul Ferraro (303) 904-2177 or

George Larsen (303) 977-4556 george.larsen@lmco.com

The Colorado Pollution Prevention Partnership is a non-profit partnership of businesses, government agencies and public interest groups that are committed to be environmental leaders who demonstrate and champion innovative ideas and technologies within their organizations and communities, integrating environmental, social, and economic values. The goals of the Partnership are to: (1) promote public/private alliances and collaborations to improve environmental performance and reduce costs, (2) lead by example with measurable results through continual improvement, and (3) increase attention on innovative systems approaches with continued emphasis on P2.

Membership is open to qualifying organizations. Regular membership meetings are held to exchange information and network and collaborate on projects sponsored by the Partnership and its member organizations.

Forums/Seminars: The Colorado Pollution Prevention Partnership holds forums and seminars that focus on P2, waste minimization, and innovative environmental solutions for Colorado businesses.

Web Page: The Colorado Pollution Prevention Partnership is a cosponsor of a web page with the CDPHE P2 Program at www.coloradop2.org/. See CDPHE P2 Program web page description.

ENVIRONMENTAL INFORMATION CONSORTIUM (EIC)

Contact: Laura Davis (303) 533-7095 ldavis@ball.com

The EIC is an industry group made up of a broad cross-section of industrial environmental health and safety professionals from Colorado industries that meet periodically to discuss related issues. Specifically, the EIC is intended to be an information forum for sharing information regarding expertise and experiences relative to

environmental, health and safety regulations and compliance, including P2 and waste minimizations strategies. As of July 2000, the EIC has no PBT-related initiatives.

NORTHEAST COLORADO REGIONAL POLLUTION PREVENTION PARTNERSHIP (NCRP3)

Contact: Anne Kaufmann (303) 441-1146 AMKE@co.boulder.co.us

NCRP3 is a collaborative effort of Boulder County, City and County of Denver, Larimer County, Northeast Colorado, Tri-County, and Weld County Environmental Health programs. The partnership has helped to develop P2 outreach capacity and maximize use of resources in the northeast region of the state. As the mechanisms improve for better state-wide collaboration among the local P2 network, NCRP3 may be absorbed under the state-wide network. As of July 2000, NCRP3 has no PBT-related initiatives.

NORTHEAST METRO POLLUTION PREVENTION ALLIANCE (NEMPPA)

Contact: Dennis Creamer (303) 286-5711 CreamCD@usa.conoco.com

NEMPPA, a 501(c)(3) organization, is a partnership of businesses, government agencies, and citizens in Northeast Metro Denver. NEMPPA was organized to promote P2 projects in small- and medium-sized businesses in Northeast Metro Denver. NEMPPA attempts to link businesses with the community to create innovative P2 opportunities that benefit both the businesses and the community.

Business P2 Assistance: NEMPPA plans to submit a grant proposal to the Ford Foundation, Turner Foundation, or other source for funding to support a full-time individual to coordinate P2 assessments for small- and medium-sized businesses.

Database: NEMPPA created a database of small- and medium-sized businesses in the Northeast Metro Denver area. The database is a part of a geographic information system (GIS) program that maps the businesses. NEMPPA uses the database to identify businesses to contact for community forums and workshops.

Household Hazardous Waste Program: NEMPPA supports the Tri-County Health Department Household Chemical Roundups. The purpose of the program is to reduce the quantities of household chemicals in homes.

Sector Initiatives: NEMPPA has many ongoing sector initiatives including:

Diesel Trucking “Best Practices” Program – NEMPPA works with Colorado trucking associations and trucking companies to promote a program that potentially will reduce diesel emissions from trucks and will result in lower quantities of shop wastes.

School Chemical Storage Educational Campaign – Several schools in the Northeast Metro Denver area have chemicals identified by the Tri-County Health Department as dangerous when stored beyond expiration dates and when stored improperly. NEMPPA plans to develop an educational pilot program with Northeast Metro high schools and middle schools that educates science teachers and science students about the proper means of storing hazardous chemicals and the proper means for disposal and response in case of emergency.

Other: NEMPPA has many other projects planned including:

Energy Efficiency Project – As a pilot project, NEMPPA will identify three small- or medium-sized businesses in the Northeast Metro Denver area to have full energy assessments completed on-site and link them with resources to accomplish implementation of the recommendations. NEMPPA will work with other

organizations to identify longer term funding sources for energy assessments in small businesses in Northeast Metro Denver.

City of Denver Eco-Industrial Park – NEMPPA will support an initiative that will allow environmentally aware businesses to develop 23 acres of land owned by Denver in the Globeville neighborhood.

PARTNERS FOR A CLEAN ENVIRONMENT

Contact: Sarah Van Pelt (303) 441-1914 VanPeltS@ci.boulder.co.us
and Erin Vadney (303) 441-1192 elvhe@co.boulder.co.us

The PACE program is a cooperative effort of the City of Boulder Office of Environmental Affairs, Boulder County Health Department, City of Longmont, Boulder Energy Conservation Center, and Boulder Chamber of Commerce. PACE is a voluntary, non-regulatory program, which offers free P2 education and technical assistance to Boulder County businesses, government, and households.

Business P2 Assistance: The PACE program developed resource sheets that explain the economic, health, and environmental advantages of specific P2 practices and include local business case studies, vendor contact information, and peer references on specific products.

Certification Program: For each of the sectors listed below, PACE created a certification and recognition program that identifies specific businesses in the area that have made P2 achievements. As part of the certification criteria, businesses agree to share P2 success stories with other businesses. Certification program criteria can be found on PACE's web page (see below).

Database: PACE maintains a database of all county businesses in the targeted sectors. Besides address and contact information, the database contains a communication history and tracks the P2 measures implemented by the businesses.

Help Line: PACE maintains a help line called The PACE Connection at (303) 441-PACE (7223). The PACE Connection is a help-line and online database which gives users access to a clearinghouse of P2 information, as well as referrals to waste minimization assistance programs and resources. The PACE Connection also provides access to P2 information for businesses which are not targeted specifically by the PACE certification program.

Information Clearinghouse: PACE maintains an online database that provides access to a clearinghouse of P2 information, assistance programs, and resources.

Newsletter: PACE publishes a biannual newsletter, which updates businesses on P2 and regulatory information and recognizes their accomplishments.

Sector Initiatives: For each sector listed below, PACE provides research on specific P2 topics, holds workshops, and has a certification and recognition program. Sectors on which PACE has focused include:

- auto body
- auto repair
- dentists
- manufacturers
- printers
- restaurants

Tool Kits/Fact Sheets: PACE has summarized sector-specific P2 information in a series of Resource Sheets. For example, Automotive Resource Sheets cover oil filter recycling, considerations for switching to non-chlorinated bulk brake cleaning products, and the importance of checking for leaks in air compressors.

Web Page: PACE co-sponsors a web page with the City of Boulder Office of Environmental Affairs at:
http://www.ci.boulder.co.us/environmentalaffairs/business_menu.html (see City of Boulder Office of Environmental Affairs web page description). PACE also maintains its own web site at www.pacepartners.com/.
Workshops: PACE holds workshops for each of the above sectors.

COMMUNICATION BETWEEN ORGANIZATIONS

Local P2 technical assistance providers from across the state meet at least twice per year to share information, fact sheets, and other materials regarding current and ongoing projects. CDPHE is in the process of establishing a list-serve to facilitate better ongoing communication among the local network. The local P2 network also facilitates information sharing with local regulatory staff. The local network has also begun looking into ways it can collaborate on a statewide project, for example, in household hazardous waste education and reduction, environmentally preferable purchasing, or school laboratory chemical safety.

A. Communication between CDPHE and local organizations

The P2 program is a cosponsor of a web page with the Colorado P2 Partnership at www.coloradop2.org/. The web site contains links to or information on the following: Pollution Prevention Partnership, CDPHE P2 Program, Colorado P2 Forum, P2 related news, frequently asked questions, feedback on the web page, opportunities to become involved in P2 at home and work, a guest book, and the opportunity to subscribe to a P2 e-mail forum.

B. Communication between CDPHE and local health departments (P2 Locals)

Representatives from CDPHE and local health departments meet to share resources and avoid duplication and reinvention of P2 materials.

C. Communication between local health departments and local organizations

The City and County of Boulder work closely with the PACE program to provide P2 assistance to businesses in Boulder. The City of Boulder Office of Environmental Affairs co-sponsors a web page with PACE at http://www.ci.boulder.co.us/environmentalaffairs/business_menu.html.

The Tri-County Health Department P2 coordinator is a board member of NEMPPA and the Tri-County Health Department provides some assistance to NEMPPA projects. NEMPPA, with support from Tri-County Health Department, is currently involved in and sponsoring a working group to reduce pollution in the trucking industry associated with tail pipe emissions and shop wastes.

D. Communication between CDPHE and universities

During P2 assessments, the CDPHE P2 Program notes if a facility may be a candidate for an energy audit by the Colorado State University Industrial Assessment Center. The P2

Program generates a P2 report for audited facilities. If a facility appears to be a candidate for an energy audit and has not previously had an audit from the Industrial Assessment Center, inspectors include a recommendation for an energy efficiency audit in the report.

The assistant director of the Colorado State University Industrial Assessment Center is a member of the Colorado Pollution Prevention Advisory Board. The Board is charged with providing direction for pollution prevention outreach, education, training, and technical assistance programs, and provides overall policy guidance, coordination, and advice in the development and implementation of the pollution prevention activities of CDPHE.

E. Communication between EPA Region VIII and CDPHE

EPA Region VIII provides advice and assistance to the CDPHE Hazardous Materials and Waste Management Division (HMWMD) on matters related to the development, execution, and monitoring of hazardous waste minimization and P2 policies, plans, and programs.